[illegible] -- [illegible]

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[illegible] Nature Magazine [illegible] AlphaGo Zero paper [illegible] [1][illegible]

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[illegible] talent pool [illegible]

[illegible] talent pool [illegible]

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[illegible] Karl Raimund Popper [illegible]

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[illegible] STEM [illegible]science, technology, engineering and mathematics[illegible]

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[illegible]“[illegible]”[illegible]

[illegible] **AlphaGo** [illegible]

[illegible] Deepmind [illegible] [2][illegible]

AlphaGo Master [illegible] AlphaGo Master[illegible]AlphaGo Master [illegible]

[illegible] AlphaGo Zero [illegible] AlphaGo Master [illegible] AlphaGo Zero [illegible][3][illegible]AlphaGo Master [illegible] 16 [illegible] AlphaGo Zero [illegible] 18 [illegible] AlphaGo Zero [illegible] 14[illegible]16 [illegible] 45 [illegible]

1[illegible] Nature Magazime [illegible] AlphaGo [illegible]Deepmind [illegible] AlphaGo Zero [illegible] AlphaGo Master [illegible]

2) [illegible] AlphaGo Zero [illegible] local trap[illegible]AlphaGo Zero [illegible] AlphaGo [illegible] AlphaGo [illegible]

[illegible] AlphaGo Zero [illegible] [4][illegible] game [illegible]

Superhuman [illegible]Clock [illegible]IBM S/360 [illegible] AlphaGo Zero [illegible] superhuman[illegible]IBM S/360 [illegible] superhuman[illegible] AlphaGo Zero [illegible] Nature Magazine [illegible] AlphaGo Zero paper [illegible] superhuman [illegible]AlphaGo Zero [illegible]

[illegible] superhuman [illegible] Technological Singularity [illegible] Demis Hassabis [illegible] AlphaGo [illegible]

IBM S/360 [illegible] Alpha [illegible] IBM S/360[illegible] Deep Blue [illegible] Deep Blue [illegible] Alpha [illegible] [5][illegible]

[illegible] AlphaGo [illegible] Deepmind team [illegible] AlphaGo [illegible] AlphaGo [illegible] AlphaGo [illegible]

[illegible] AlphaGo Zero [illegible] AlphaGo Master[illegible] AlphaGo Master [illegible] AlphaGo Master[illegible] AlphaGo Master [illegible] [6][illegible] Nature Magazine [illegible] AlphaGo Zero paper [illegible] AlphaGo Master [illegible] deep-learning [illegible]

[illegible] AlphaGo Zero[illegible] AlphaGo Zero [illegible] superhuman [7][illegible] superhuman[illegible] superhuman[illegible] deep-learning[illegible]reinforcement[illegible] superhuman [illegible]

[illegible]AlphaGo Zero [illegible] AlphaGo Master [illegible] AlphaGo Master [illegible] superhuman[illegible] AlphaGo Master [illegible] 60 [illegible] 3 [illegible] AlphaGo Master [illegible] superhuman[illegible] AlphaGo Master [illegible] AlphaGo Zero [illegible] superhuman[illegible] superhuman [8][illegible]

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[illegible] AlphaGo [illegible] AlphaGo [illegible]

[illegible] AlphaGo [illegible] Turing Machine [illegible] deep-learning [illegible] AlphaGo [illegible]Deepmind [illegible] AlphaGo Zero [illegible] AlphaGo Master[illegible] AlphaGo Zero [illegible] AlphaGo Zero [illegible]

Deep-learning [illegible] credit[illegible] reinforcement[illegible] credit[illegible] reinforcement[illegible] local trap[illegible]

[illegible]ideas are cheap[illegible] cheap [illegible] reinforcement[illegible]

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[illegible] Alan Turing[illegible] Geoffrey Hinton[illegible] Demis Hassabis[illegible]AlphaGo [illegible]

Demis Hassabis [illegible] AlphaGo [illegible] [10][illegible] Geoffrey Hinton [illegible]

Turing Machine [illegible] Turing Machine [illegible] Geoffrey Hinton [illegible] Turing Machine [illegible] Alan Turing [illegible]

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[illegible] Dialogue Concerning the Two Chief Word Systems [11][illegible]

[illegible] The Sceptical of Chemist[illegible]

[illegible] On the Origin of Species[illegible]

[illegible] [12][illegible]

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[illegible]Leukotomy [illegible] BRIAN Initiative

Leukotomy [illegible]

1[illegible] personalities [illegible] mental diseases[illegible] personalities [illegible] BRAIN Initiative project [illegible]

2[illegible] Leukotomy [illegible] Leukotomy [illegible] BRAIN Initiative [illegible] AlphaGo [illegible]

3[illegible] personality [illegible] intelligence [illegible] Walter Freeman [illegible] personality [illegible] intelligence [illegible] [13][illegible]

BRAIN Initiative project [illegible] NIH [illegible] BRAIN 2025 Report [illegible] “there is general agreement that types can be defined provisionally by invariant and generally intrinsic properties”[illegible] invariant [illegible] agreement [illegible] insights[illegible]“envision an integrated, systematic census of neuronal and glial cell types”[illegible] dynamic brain mapping [illegible]“Link brain activity to behavior”[illegible]“Produce conceptual foundations for understanding the biological basis of mental processes”[illegible] mental processes [illegible] behavior[illegible]

BRAIN Initiative project [illegible] personality [illegible] intelligence [illegible] brain mapping [illegible] personality [illegible] intelligence [illegible]hidden assumptions[illegible]

[illegible] personality [illegible] intelligence [illegible]

[illegible] BRAIN Initiative project [illegible] brain mapping [illegible] mental diseases[illegible] personality [illegible] intelligence[illegible] personality [illegible] intelligence [illegible] leukotomy [illegible]

[illegible] leukotomy [illegible] AlphaGo [illegible]

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BRAIN Initiative □ brain mapping □□□□□□□□□□□□□□□ human level intelligence □□□□□□ □□□□□□□□□□□□□□ personalities□intelligence □ mental diseases □□□□□□□□BRAIN Initiative □ neurosciences □□□□□□□□AlphaGo □□□□□□□□□ generic human intelligence□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□□ AlphaGo □□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□ neurosciences □□□□ [14]□

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[3] □□ http://www.alphago-games.com/□AlphaGo Zero □ AlphaGo Zero □□□□□□□□□□□□ □□□□□□ https://www.101weiqi.com/chessbook/player/38348/□□□□□□□

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[illegible] AlphaGo [illegible]AlphaGo Zero[illegible] AlphaGo [illegible]Human level artificial intelligence [illegible] AlphaGo [illegible]

[illegible] Google/Deepmind [illegible] AlphaGo [illegible]

[5] [illegible] superhuman [illegible]Alpha [illegible] [6][illegible]

[illegible] Deepmind [illegible] Alpha [illegible] Nature Magazine [illegible] Alpha [illegible]

[6] [illegible] AlphaGo [illegible] AlphaGo [illegible] AlphaGo Master [illegible] 60+3 [illegible]

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[illegible] AlphaGo Master [illegible]AlphaGo Master [illegible]

[7] http://www.alphago-games.com/[illegible]Full Strength of Alphago Zero, i.e. Final Form[illegible] 40 Blocks[illegible]20 Blocks [illegible] Not Full Strength of Alphago Zero[illegible] Alphago Zero [illegible] Alphago Zero [illegible] superhuman[illegible]

[8] [illegible]

[9] [illegible]

[illegible] AlphaGo [illegible]

[10] [illegible] AlphaGo Master[illegible]AlphaGo [illegible] AlphaGo [illegible] AlphaGo [illegible]

[11] Dialogue Concerning the Two Chief Word Systems [illegible] Socratic Method [illegible]

[illegible] AlphaGo [illegible]

[illegible]

[12] BRAIN Initiative project [illegible] [illegible]**BRIAN Initiative**[illegible]

[13] [illegible] intelligence[illegible]Demis Hassabis [illegible] AlphaGo [illegible] intelligence [illegible]

[14] [illegible] AlphaGo [illegible]